

PLUS  
Search

091932870

09932870\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09932870 on July 21, 2004

5 342/457 (4 OR, 1 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/450 .Position indicating (e.g., triangulation)  
342/457 ..Land vehicle location (e.g., bus, police car

4 370/342 (2 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/342 .Combining or distributing information via code  
word channels using multiple access techniques (e.g., CDMA)

4 455/445 (0 OR, 4 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/445 ..Call routing (e.g., to prevent backhaul,  
routing efficiency, least cost, or alternate routing)

3 455/562.1 (1 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCIVER)  
455/550.1 .Radiotelephone equipment detail  
455/561 ..Base station detail  
455/562.1 ...Having specific antenna arrangement

3 701/207 (0 OR, 3 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/200 NAVIGATION  
701/207 .Employing position determining equipment

2 174/110R (2 OR, 0 XR)  
Class 174 : ELECTRICITY: CONDUCTORS AND INSULATORS  
174/68.1 CONDUITS, CABLES OR CONDUCTORS

174/110R .Insulated

2 174/113C (0 OR, 2 XR)

Class 174 : ELECTRICITY: CONDUCTORS AND INSULATORS  
 174/68.1 CONDUITS, CABLES OR CONDUCTORS  
 174/110R .Insulated  
 174/113R ..Multiple conductor  
 174/113C ...Insulating core

2 174/113R (0 OR, 2 XR)

Class 174 : ELECTRICITY: CONDUCTORS AND INSULATORS  
 174/68.1 CONDUITS, CABLES OR CONDUCTORS  
 174/110R .Insulated  
 174/113R ..Multiple conductor

2 370/337 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/328 .Having a plurality of contiguous regions  
                   served by respective fixed stations  
 370/329 ..Channel assignment  
 370/336 ...Combining or distributing information via  
                   time channels  
 370/337 ....Multiple access (e.g., TDMA)

2 370/410 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 .Switching a message which includes an address  
                   header  
 370/400 ..Having a plurality of nodes performing  
                   distributed switching  
 370/410 ...Having a signaling feature

2 370/503 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having  
                   multiple packets  
 370/498 .Combining or distributing information via tim  
 e  
                   channels  
 370/503 ..Synchronizing

2 375/130 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/130 SPREAD SPECTRUM

2 375/350 (0 OR, 2 XR)

09932870 CLSTITLES

Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/316 RECEIVERS  
 375/346 .Interference or noise reduction  
 375/350 ..By filtering (e.g., digital)

2 379/93.08 (0 OR, 2 XR)  
 Class 379 : TELEPHONIC COMMUNICATIONS  
 379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE  
 ELECTRICAL SYSTEM OR SIGNALLING (E.G., CO  
 MPOSITE)  
 379/93.01 .Having transmission of a digital message  
 signal over a telephone line  
 379/93.08 ..Transmission scheme (e.g.,  
 compression/decompression, transmission rat  
 e)

2 380/252 (0 OR, 2 XR)  
 Class 380 : CRYPTOGRAPHY  
 380/252 ELECTRIC SIGNAL MASKING

2 380/263 (1 OR, 1 XR)  
 Class 380 : CRYPTOGRAPHY  
 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY  
 380/259 .Symmetric key cryptography  
 380/260 ..Symmetric key synchronization  
 380/263 ...Nonlinear or chaotic system

2 380/34 (0 OR, 2 XR)  
 Class 380 : CRYPTOGRAPHY  
 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY  
 380/270 .Wireless communication  
 380/33 ..Using plural paths or channels  
 380/34 ...Plural carrier frequencies

2 385/135 (1 OR, 1 XR)  
 Class 385 : OPTICAL WAVEGUIDES  
 385/134 ACCESSORIES  
 385/135 .Splice box and surplus fiber  
 storage/trays/organizers/ carriers

2 385/20 (1 OR, 1 XR)  
 Class 385 : OPTICAL WAVEGUIDES  
 385/15 WITH OPTICAL COUPLER  
 385/16 .Switch (i.e., switching from one terminal to  
 another, not modulation)  
 385/20 ..Multiple pole multiple throw

2 398/70 (0 OR, 2 XR)

09932870\_CLSTITLES

Class 398 : OPTICAL COMMUNICATIONS

398/43 MULTIPLEX

398/66 .Broadcast and distribution system

398/68 ..WDM

398/70 ...Hub or central office

2 455/12.1 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
RETRANSMISSION OF SAME INFORMATION)

455/11.1 .Portable or mobile repeater

455/12.1 ..Space satellite

2 455/432.1 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/432.1 ..Roaming

2 455/449 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/446 ..Including cell planning or layout

455/449 ...Hierarchical cell structure

2 455/461 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/461 .Including personal numbering system (i.e.,  
intelligent network for subscriber tracking  
or follow-me  
subscriber feature)

2 455/560 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/560 ..Switching unit detail (e.g., mobile telephon  
e  
switching office (MTSO), base station contr  
oller (BSC),  
etc.)

about 1  
abrasion 3  
access 1  
accommodate 1  
accordingly 2  
across 2  
addition 2  
additionally 1  
adduct 1  
adequately 1  
adjacent 1  
adjusting 1  
aep 1  
agent 1  
agglomerate 1  
aggregate 1  
al 4  
aliphatic 1  
allow 1  
alloy 3  
alone 1  
along 4  
also 9  
alternative 4  
aluminum 3  
amine 1  
amount 2  
amounts 1  
an 17  
and 61  
another 4  
anteima 1  
antenna 11  
antennas 1  
apparatus 1  
application 5  
applications 1  
applied 2  
appreciated 1  
approximately 1  
are 11  
areas 3  
arranged 1  
art 4  
as 19  
asphalt 6  
at 10  
availability 2

background 1  
bandwidth 6  
be 10  
because 5  
become 2  
been 5  
being 5  
better 2  
between 3  
binder 3  
bituminous 1  
black 1  
blacks 1  
bonding 1  
bottom 1  
breeze 1  
brinell 1  
broad 4  
broadband 4  
broadcast 2  
broadly 1  
build 1  
building 2  
buildings 1  
business 1  
but 1  
by 7  
cable 8  
cabling 1  
can 5  
capable 1  
capacity 3  
carbon 3  
carbons 2  
carried 1  
carrier 1  
cements 1  
ceramic 1  
certain 3  
characteristics 2  
chips 4  
clearer 1  
coating 1  
coimectivity 1  
coke 1  
combination 1  
combined 2  
comiectivity 1

commercial 3  
commonly 1  
communicates 2  
communication 5  
communications 4  
companies 2  
compensatory 1  
competitive 2  
competitor 1  
composition 6  
compositions 3  
comprises 2  
comprising 2  
concentration 1  
concrete 3  
conditions 1  
conductive 9  
conductor 2  
conductors 3  
conducts 2  
connect 1  
connection 3  
connections 3  
connectivity 16  
connects 1  
consist 1  
consisting 2  
constraints 1  
construction 1  
containing 1  
contains 1  
contribution 1  
controlled 1  
conventional 1  
converting 1  
copper 10  
correctivity 1  
cost 6  
costly 3  
cotton 1  
course 5  
covenng 1  
coverage 1  
cross 1  
crosstalk 1  
curing 1  
current 3  
cushion 2

dear 1  
decrease 1  
decreasing 1  
deployed 1  
deployment 1  
description 2  
desirable 2  
detailed 2  
development 1  
device 3  
diameters 1  
diglyciciyl 1  
direct 1  
disclosed 3  
dispersed 2  
dispersible 1  
distinct 1  
do 1  
does 1  
doing 1  
due 1  
during 1  
dust 1  
dusts 1  
each 2  
easement 1  
easements 1  
easier 1  
economic 1  
economical 1  
effect 1  
effective 4  
effectiveness 1  
either 1  
elastic 5  
electrical 2  
electromagnetic 2  
element 1  
embedded 2  
embodiment 6  
emitting 1  
employ 2  
end 12  
ene 1  
enhancing 1  
epoxy 4  
equal 2  
erection 1



essentially 1  
et 4  
ether 1  
example 1  
examples 4  
exceeding 1  
except 1  
excessive 1  
exist 1  
existing 17  
expensive 1  
exposed 2  
face 1  
features 2  
fiber 9  
field 1  
fill 1  
filler 2  
first 12  
fischer 1  
following 1  
follows 2  
for 20  
foregoing 1  
forest 1  
form 2  
formed 4  
formylaminopyrimidines 1  
frequencies 5  
frequency 6  
from 2  
fully 1  
furthermore 1  
generally 2  
generate 1  
geographic 4  
given 1  
global 1  
granules 2  
graphite 1  
gravity 3  
ground 1  
group 1  
hard 2  
hardness 1  
has 2  
have 6  
having 9

high 10  
however 4  
hunt 1  
iabstract 1  
illustrate 1  
imbedded 1  
impart 1  
impedance 1  
impediment 1  
important 1  
impractical 2  
improved 1  
in 29  
inadequate 1  
include 3  
includes 3  
including 2  
incorporated 1  
industry 1  
infrastructure 24  
inherent 2  
inorganic 1  
intended 1  
inter 1  
interface 3  
interference 3  
intermixed 1  
into 1  
intrinsic 12  
invention 10  
iron 2  
is 37  
issues 1  
it 5  
its 4  
iy 1  
lack 1  
landlord 1  
lands 1  
large 1  
last 9  
layer 7  
layers 1  
least 2  
less 2  
light 1  
lighter 1  
lighting 1

limit 1  
limitations 1  
limited 3  
line 5  
lines 3  
link 1  
loaded 1  
local 2  
located 4  
luminescent 1  
lythi 1  
made 1  
make 2  
making 1  
manufacture 1  
market 1  
matched 1  
material 14  
materials 4  
matter 1  
may 7  
means 1  
metal 6  
metals 1  
method 3  
mile 8  
mixed 1  
mixing 1  
mixture 1  
mixtures 1  
mm 6  
modem 1  
modems 2  
modified 1  
more 4  
multiple 1  
must 1  
nagin 1  
national 1  
nationwide 1  
natural 1  
nature 1  
need 1  
network 4  
networks 2  
new 1  
nil 1  
no 11

node 2  
non 4  
none 1  
not 3  
noted 1  
novak 1  
now 1  
number 1  
of 81  
office 1  
oftentimes 1  
ogura 1  
oi 1  
on 2  
one 8  
only 2  
ophenes 1  
optic 4  
optical 1  
or 14  
other 2  
otherwise 1  
outlined 1  
over 4  
owned 2  
ownership 1  
oxide 1  
pair 7  
parks 1  
part 3  
particles 7  
particularly 3  
parts 1  
party 1  
patent 11  
patents 1  
path 2  
pavement 15  
paving 5  
pellets 1  
perhaps 1  
petroleum 1  
phenylene 1  
phosphorescent 2  
pigment 2  
place 1  
plan 1  
plant 1

point 6  
points 1  
polyacetylene 1  
polyaniline 1  
polyethylenedioxythiophene 1  
polymer 1  
polymers 2  
polypyrrole 1  
poor 1  
potential 2  
powder 1  
practical 1  
preferably 2  
preparation 1  
present 4  
prevent 1  
prices 1  
primarily 1  
primary 1  
prior 4  
process 1  
producing 2  
prohibitive 1  
promulgation 1  
properties 2  
provide 5  
provided 2  
provides 3  
providing 1  
pstn 1  
public 1  
quality 1  
radio 13  
rather 1  
receive 2  
receiver 9  
reducing 1  
reference 1  
references 1  
referred 1  
regulate 1  
reinforced 2  
reinforcing 1  
related 1  
relates 1  
relying 2  
remain 1  
remains 1

remote 1  
require 1  
required 1  
requirements 1  
requires 2  
resale 3  
resell 1  
resin 3  
resistant 5  
restrict 1  
result 1  
resulting 1  
return 1  
right 1  
rights 1  
roadbed 1  
roads 1  
roadway 2  
rostler 1  
rubber 5  
sabel 1  
said 1  
sale 1  
same 5  
sand 1  
schlichting 1  
second 13  
section 1  
seek 1  
selected 1  
service 1  
services 2  
shavings 8  
sight 1  
signals 4  
significant 1  
significantly 1  
similar 1  
size 3  
skidding 1  
slab 5  
slabs 1  
slip 2  
so 3  
space 1  
specific 3  
speed 1  
speeds 1

spread 1  
stabilizer 1  
strassman 1  
structure 1  
substantially 3  
such 1  
sufficient 2  
suitable 8  
suited 1  
sulfide 1  
summary 1  
support 1  
supporting 1  
surface 3  
switched 1  
symmetrizes 1  
synthetic 3  
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systems 1  
taken 1  
teach 1  
teaches 11  
teachings 1  
telecommunications 10  
telephone 3  
thalhamrner 1  
than 2  
that 11  
the 122  
their 3  
them 1  
there 2  
thereby 1  
therefore 1  
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thereof 2  
thereto 2  
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they 2  
thickness 1  
third 2  
this 2  
through 5  
thus 2  
time 3  
to 55  
too 1  
towards 1

towers 1  
transmission 2  
transmit 2  
transmittable 1  
transmitter 23  
tread 1  
treated 1  
twisted 6  
two 2  
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unavailability 1  
understood 1  
uneconomical 1  
uniform 2  
universal 1  
unsuitable 1  
unused 1  
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upgraded 1  
upon 2  
us 1  
used 3  
user 12  
users 2  
uses 1  
using 3  
utilizing 2  
variable 1  
vary 1  
vehicles 1  
viable 1  
vinyl 1  
virtually 1  
voice 1  
void 2  
volatile 1  
volume 3  
volumes 1  
way 3  
wear 7  
wearing 5  
well 5  
when 1  
where 1  
whereas 1  
which 11  
while 2  
will 3



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wire 1  
wireless 4  
with 14  
without 2  
words 1  
would 2  
wt 1  
zinc 1

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09932870\_CLS

Most Frequently Occurring Classifications of Patents Returned  
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Original Classifications

4 342/457  
2 174/110R  
2 370/337  
2 370/342  
2 455/12.1  
2 455/432.1

Cross-Reference Classifications

4 455/445  
3 701/207  
2 174/113C  
2 174/113R  
2 370/342  
2 375/350  
2 379/93.08  
2 380/252  
2 380/34  
2 398/70  
2 455/449  
2 455/461  
2 455/560  
2 455/562.1

Combined Classifications

5 342/457  
4 370/342  
4 455/445  
3 455/562.1  
3 701/207  
2 174/110R  
2 174/113C  
2 174/113R  
2 370/337  
2 370/410  
2 370/503  
2 375/130  
2 375/350  
2 379/93.08  
2 380/252  
2 380/263  
2 380/34  
2 385/135  
2 385/20

09932870\_CLS

2 398/70  
2 455/12.1  
2 455/432.1  
2 455/449  
2 455/461  
2 455/560



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PLUS Search Results for S/N 09932870, Searched July 21, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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6370475  
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09932870\_LIST

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